

Amendments to the Specification:

Please replace the Abstract on page 46 with the attached new Abstract.

Please replace the paragraph on page 11, lines 10-22 with the following rewritten paragraph:

Also according to any of the above methods, determining which of the reporter sequences were transcribed may optionally comprise reverse transcribing the mRNA transcription products to form cDNA and determining which of the reporter sequences or ~~complements~~ complements thereof are comprised within the cDNA. According to this variation, the reporter sequences may comprise priming sequences 5' and 3' relative to the variable sequences, the method may further comprise amplifying the cDNA. Also according to this variation, determining which of the reporter sequences or ~~complements~~ complements thereof are comprised within the cDNA may comprise sequencing the cDNA. Determining which of the reporter sequences or ~~complements~~ complements thereof are comprised within the cDNA may also comprise performing a hybridization assay using a library of hybridization probes to detect the reporter sequences and/or ~~complements~~ complements thereof. In this variation, the library of hybridization probes may optionally be immobilized in an array.

Please replace the paragraph on page 14, lines 5-10 with the following rewritten paragraph:

In one variation, shown in Figure 1A, mRNA from cells in the library is then isolated 110 and reverse transcribed to form cDNA 112. Sequences comprising at least the variable portion of the reporter sequences or ~~complements~~ complements thereof that are comprised within the cDNA are then determined 114. As noted previously, the reporter sequences may optionally comprise 5' and 3' priming sequences that facilitate amplification of the cDNA to assist with their detection.